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Approved for use through 09/30/00. OMB 0651-0032

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07/31/03  
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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	TI-33782
First Named Inventor or Application Identifier	Olivier Charles Schuepbach
Title	RSSE Optimization Using Hardware Acceleration
Express Mail Label No.	EV 334467356 US

**APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2.  Specification [Total Pages 17]  
(preferred arrangement set forth below)  
 - Descriptive title of the Invention  
 - Cross References to Related Applications  
 - Statement Regarding Fed sponsored R&D  
 - Reference to Microfiche Appendix  
 - Background of the Invention  
 - Brief Summary of the Invention  
 - Brief Description of the Drawings (if filed)  
 - Detailed Description  
 - Claim(s)  
 - Abstract of the Disclosure

3.  Drawing(s) (35 USC d113) FORMALS [Total Sheets 5]

4. Oath or Declaration [Total Pages 2]

- a.  Newly Executed (original or copy)  
 b.  Copy from a prior application (37 CFR §1.63(d))  
(for continuation/divisional with Box 17 completed)

**[Note Box 5 below]**

- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application,  
see 37 CFR §1.63(d)(2) and 1.33(b).

5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of  
the oath or declaration is supplied under Box 4b, is considered as  
being part of the disclosure of the accompanying application and is  
hereby incorporated by reference therein.

ADDRESS TO:  
Commissioner for Patents  
Box Patent Application  
Alexandria, VA 22313-1450

6.  Microfiche Computer Program (Appendix)  
 7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
 a.  Computer Readable Copy  
 b.  Paper Copy (identical to computer copy)  
 c.  Statement verifying identical of above copies

**ACCOMPANYING APPLICATION PARTS**

8.  Assignment Papers (cover sheet & Documents(s))  
 9.  37 CFR §3.73(b) Statement (when there is an assignee)  Power of Attorney  
 10.  English Translation Document (if applicable)  
 11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations  
 12.  Preliminary Amendment  
 13.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)  
 14.  Small Entity Statement(s)  Statement filed in prior application  
(PTO/SB/09-12) Status still proper and desired  
 15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)  
 16.  Other:

\* A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No: /

Prior application information: Examiner

Group / Art Unit:

**18. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label **23494**  
(Insert Customer No. or Attach bar code label here) or  Correspondence address below

NAME	RONALD O. NEERINGS Texas Instruments Incorporated		
ADDRESS	Mail Station 3999 P. O. Box 655474		
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Name (Print/Type)	RONALD O. NEERINGS	Registration No. (Attorney/Agent)	34,227
Signature	<i>Ron O. Neery</i>		Date 7/31/03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT

(\$ 750.00)

**Complete If Known**

Application Number	TBD
Filing Date	Herewith
First Named Inventor	Olivier Charles Schuepbach
Examiner Name	TBD
Group / Art Unit	TBD
Attorney Docket No.	TI-33782

METHOD OF PAYMENT				FEE CALCULATION (continued)					
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge to the following Deposit Account. Deposit Account Number <b>20-0668</b>				3. ADDITIONAL FEES					
Deposit Account Name <b>Texas Instruments Incorporated</b>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)		
<input type="checkbox"/> Charge any additional fee required or credit any overpayment <input checked="" type="checkbox"/> Charge all indicated fees and any additional fee required or credit any overpayment				105	130	205	65	Fee Description	Fee Paid
				127	50	227	25	Surcharge - late filing fee Surcharge - late provisional filing fee or cover sheet.	
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other				139	130	139	130	Non-English specification	
				147	2,520	147	2,520	For filing a request for reexamination	
				112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
				113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
				115	110	215	55	Extension for reply within first month	
				116	400	216	200	Extension of time within second month	
				117	950	217	475	Extension of time within third month	
				118	1,510	218	755	Extension of time within fourth month	
				128	2,060	228	1,030	Extension of time within fifth month	
				119	310	219	155	Notice of Appeal	
				120	310	220	155	Filing a brief in support of an appeal	
				121	270	221	135	Request for oral hearing	
				138	1,510	138	1,510	Petition to institute a public use proceeding	
				140	110	240	55	Petition to revive - unavoidable	
				141	1,320	241	660	Petition to revive - unintentional	
				142	1,320	242	660	Utility issue fee (or reissue)	
				143	450	243	225	Design issue fee	
				144	670	244	335	Plant issue fee	
				122	130	122	130	Petitions to the Commissioner	
				123	50	123	50	Petitions related to provisional applications	
				126	240	126	240	Submission of Information Disclosure Stmt.	
				581	40	581	40	Recording each patent assignment per properly (time number of properties)	
				146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
				149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
**or number previously paid, if greater; For Reissue, see below				Other fee (specify) _____					
Total Claims <b>10</b> -20**= <b>0</b> x <b>18</b> = <b>0</b>				Other fee (specify) _____					
Independent Claims <b>2</b> -3** = <b>0</b> x <b>84</b> = <b>0</b>				Other fee (specify) _____					
Multiple Dependent <b>0</b> x <b>280</b> = <b>0</b>				Other fee (specify) _____					
SUBTOTAL (1) <b>(\$750)</b>				*Reduced by Basic Filing Fee Paid					
SUBTOTAL (2) <b>(\$0)</b>				SUBTOTAL (3) _____					
<b>SUBMITTED BY</b>								Customer Number:	<b>23494</b>
Typed or Printed Name <b>RONALD O. NEERINGS</b>								Reg. Number	<b>34,227</b>
Signature				Date	7/31/03			Deposit Account User ID	